

# Hydrology of the Recent California Drought and Comparisons with Past Droughts

By

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2016 Bay-Delta Science Conference

November 17, 2016

## Sacramento River Unimpaired Runoff Since 1906

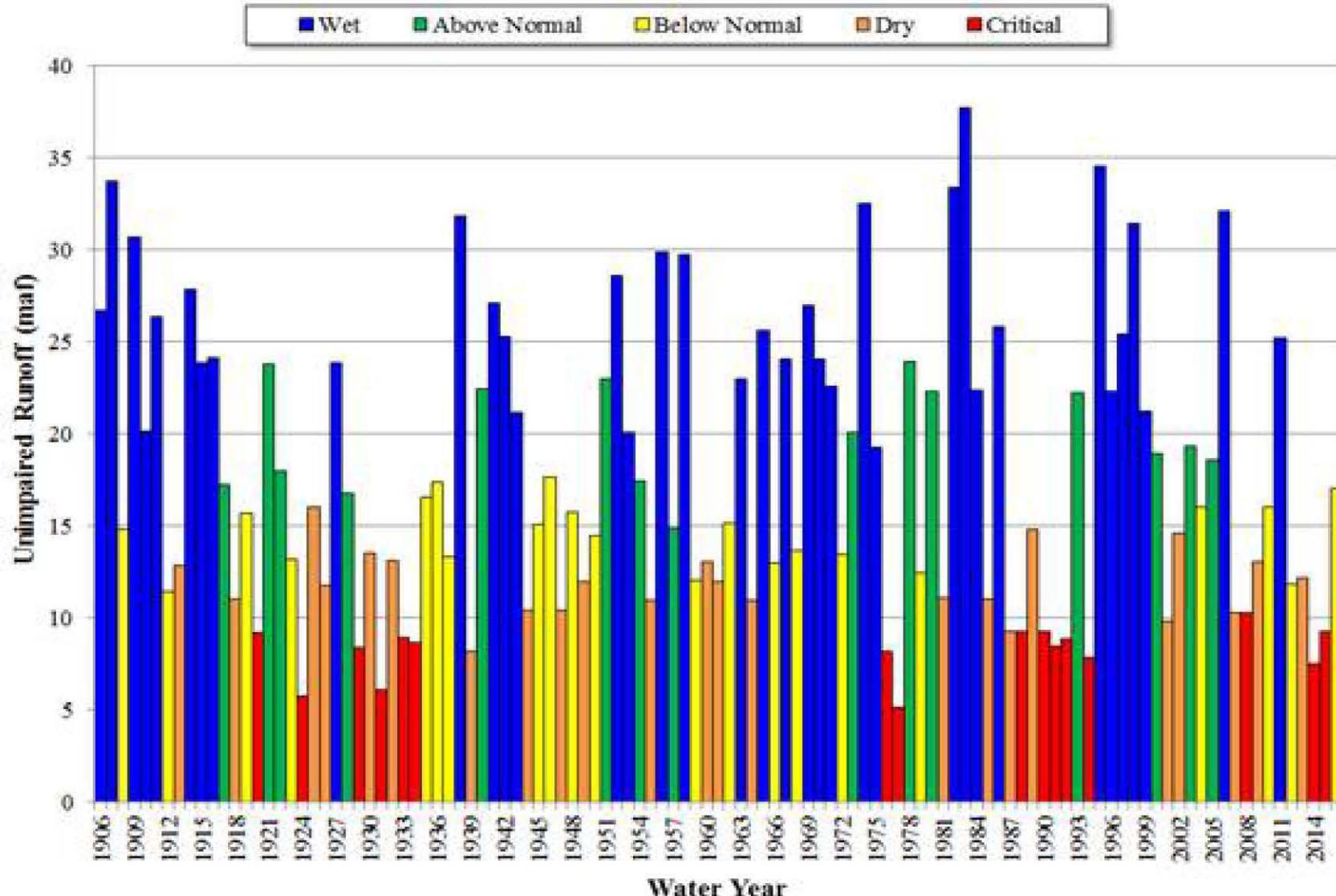


Figure 1

## Sacramento River Unimpaired Runoff Since 1970

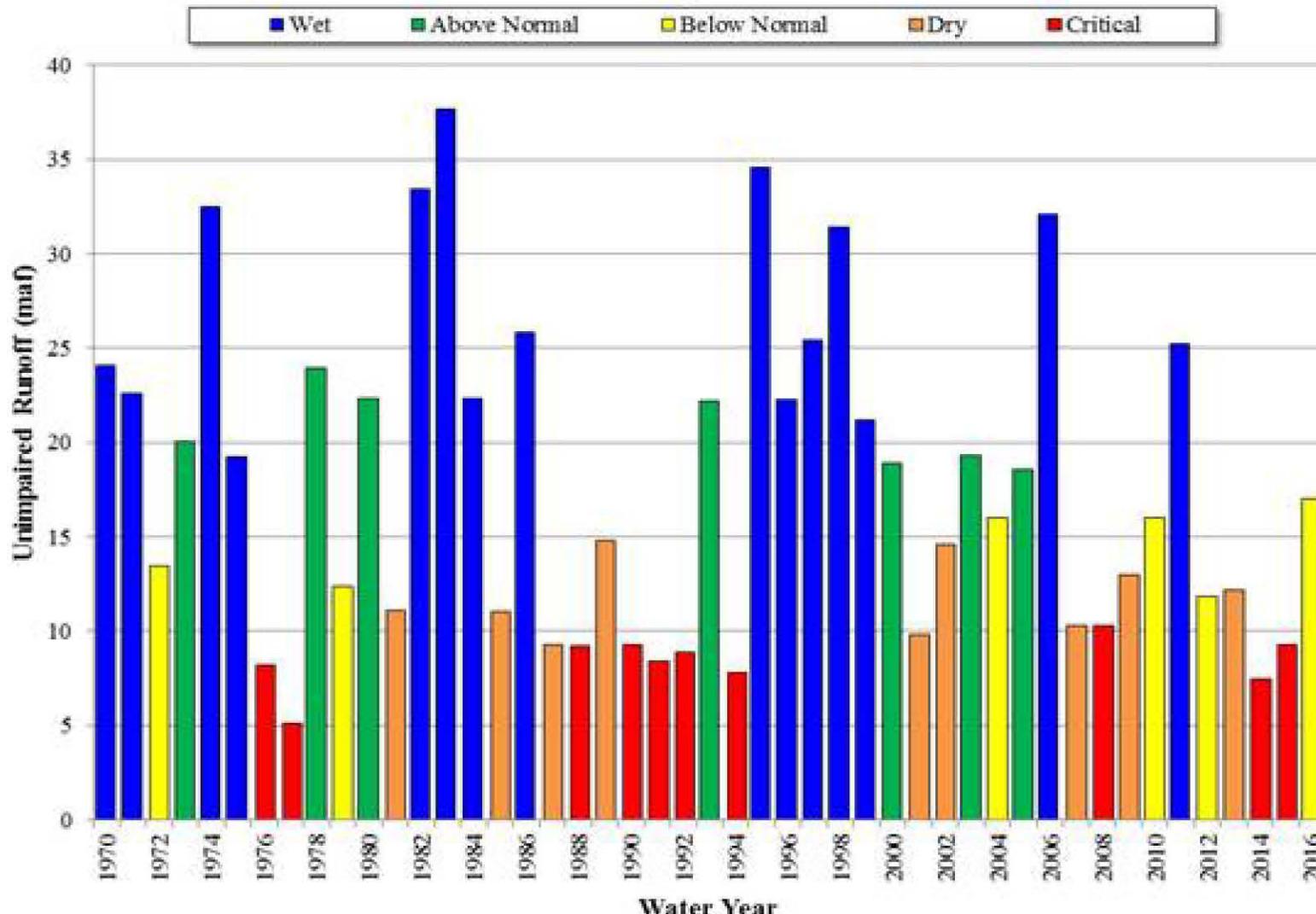
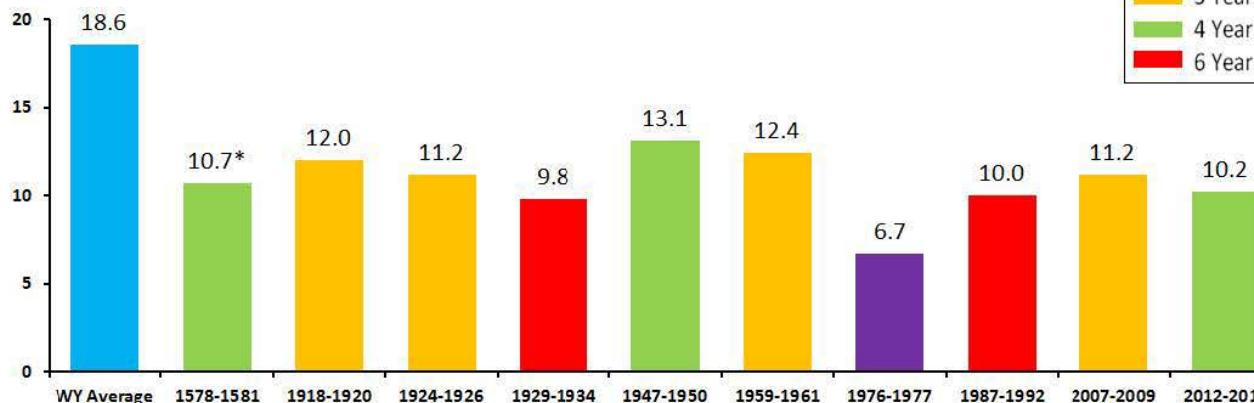


Figure 2

### COMPARISON WITH PREVIOUS DROUGHTS

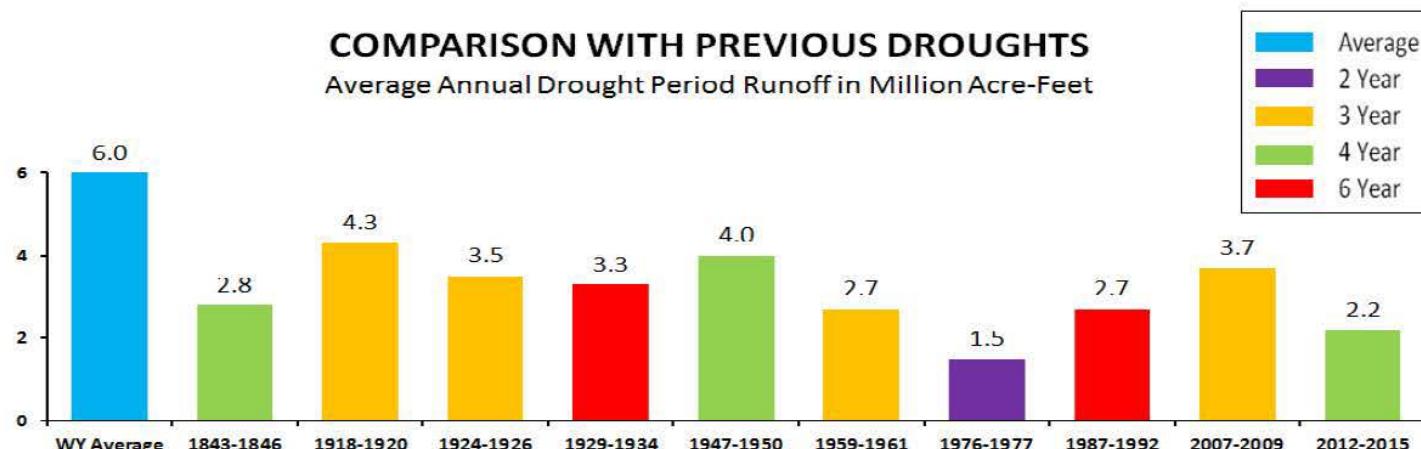
Average Annual Drought Period Runoff in Million Acre-Feet



### SACRAMENTO FOUR RIVER RUNOFF

### COMPARISON WITH PREVIOUS DROUGHTS

Average Annual Drought Period Runoff in Million Acre-Feet



### SAN JOAQUIN FOUR RIVER RUNOFF

**Figure 3**  
 \*from tree rings  
 ( 1 million acre-feet = 1.23 billion cubic meters)



## Northern Sierra 8 Station Precipitation for Water Years 2013 and 2014

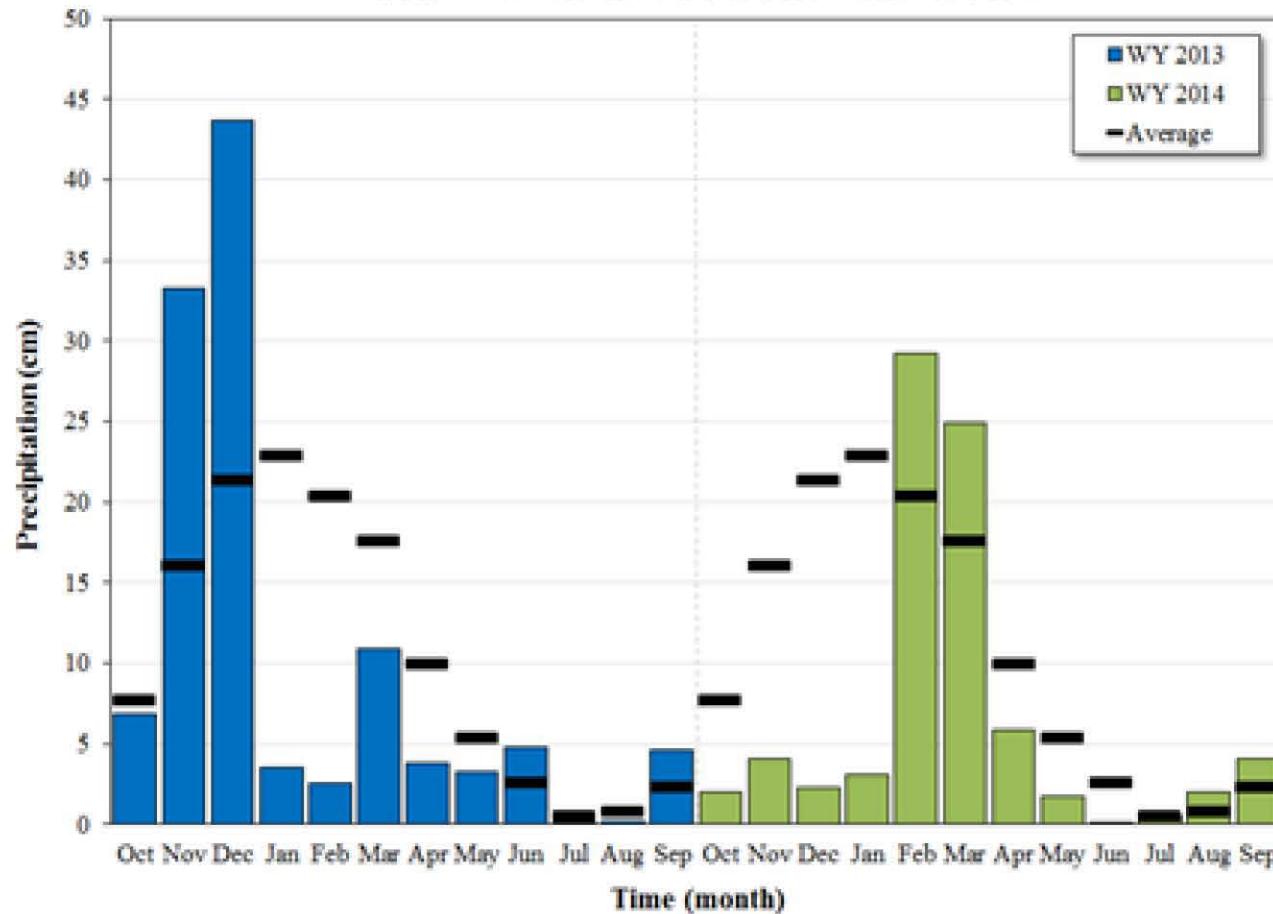


Figure 4  
(1 inch = 25.4 mm)

## SWP Water Allocations

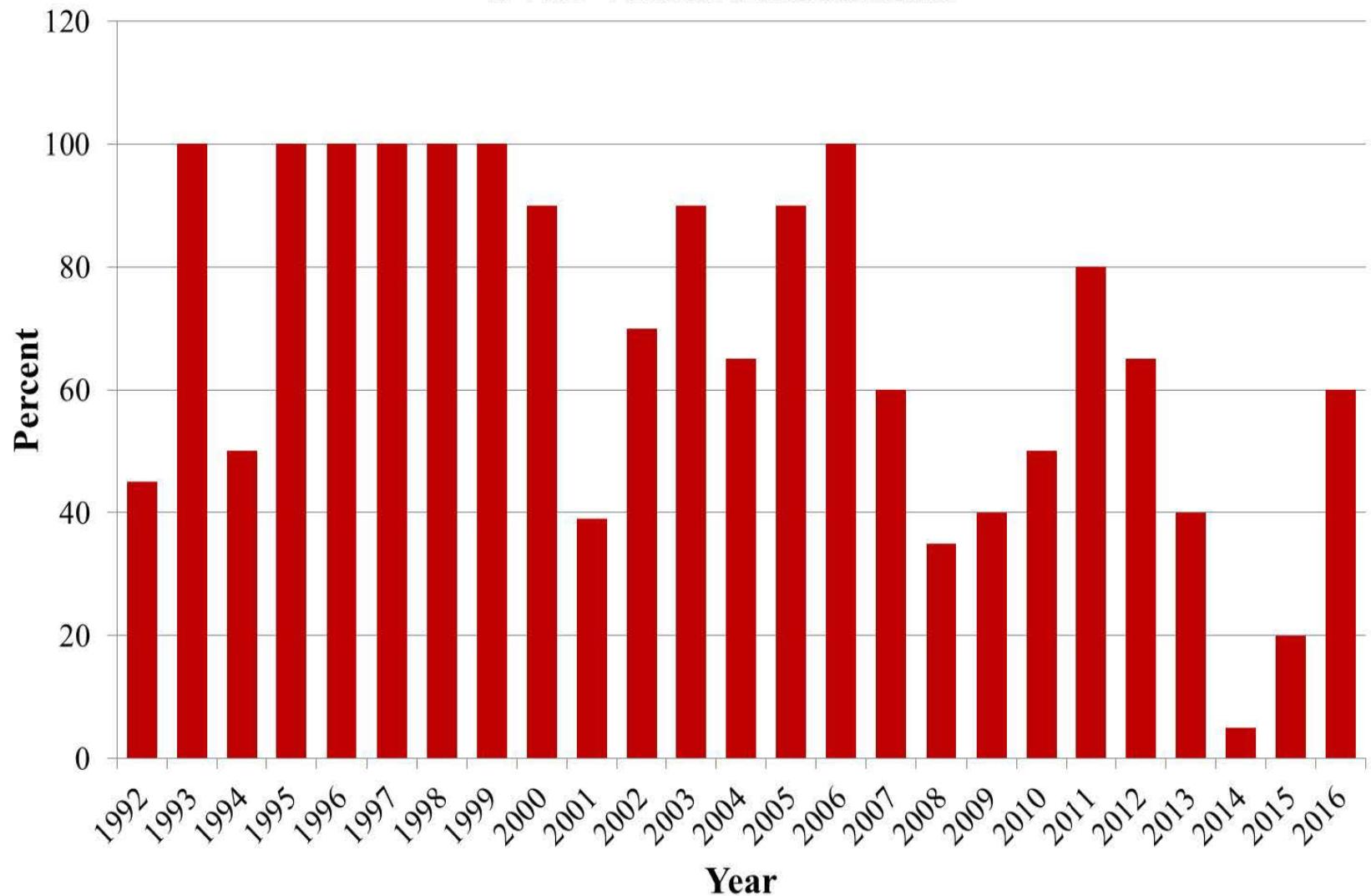


Figure 5

## Storage in 154 Major CA In-State Reservoirs on September 30, Amount in MAF

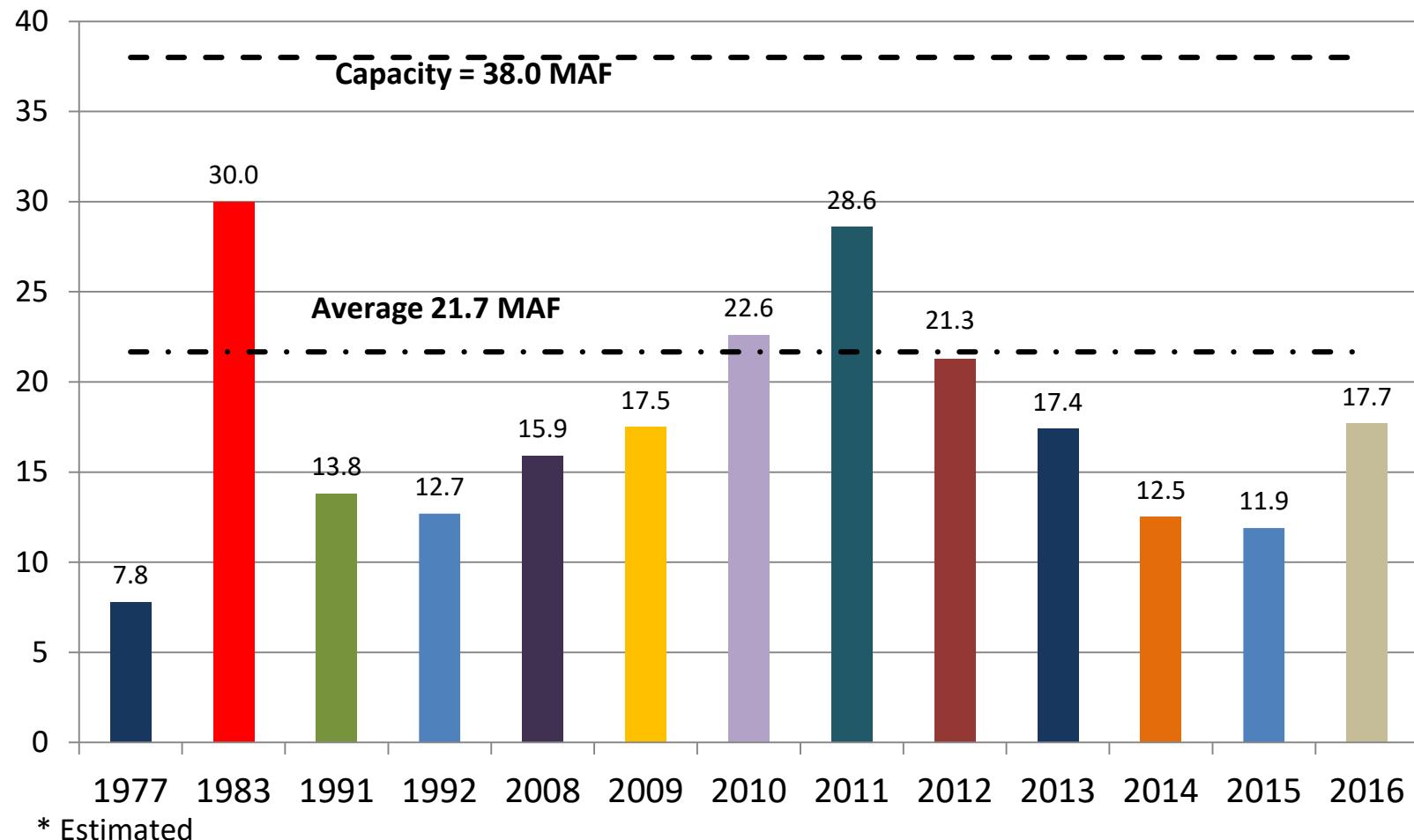


Figure 6  
( 1 million acre-feet = 1.23 billion cubic meters)

# April 1 Snowpack Water Content

## Statewide Percent of Average

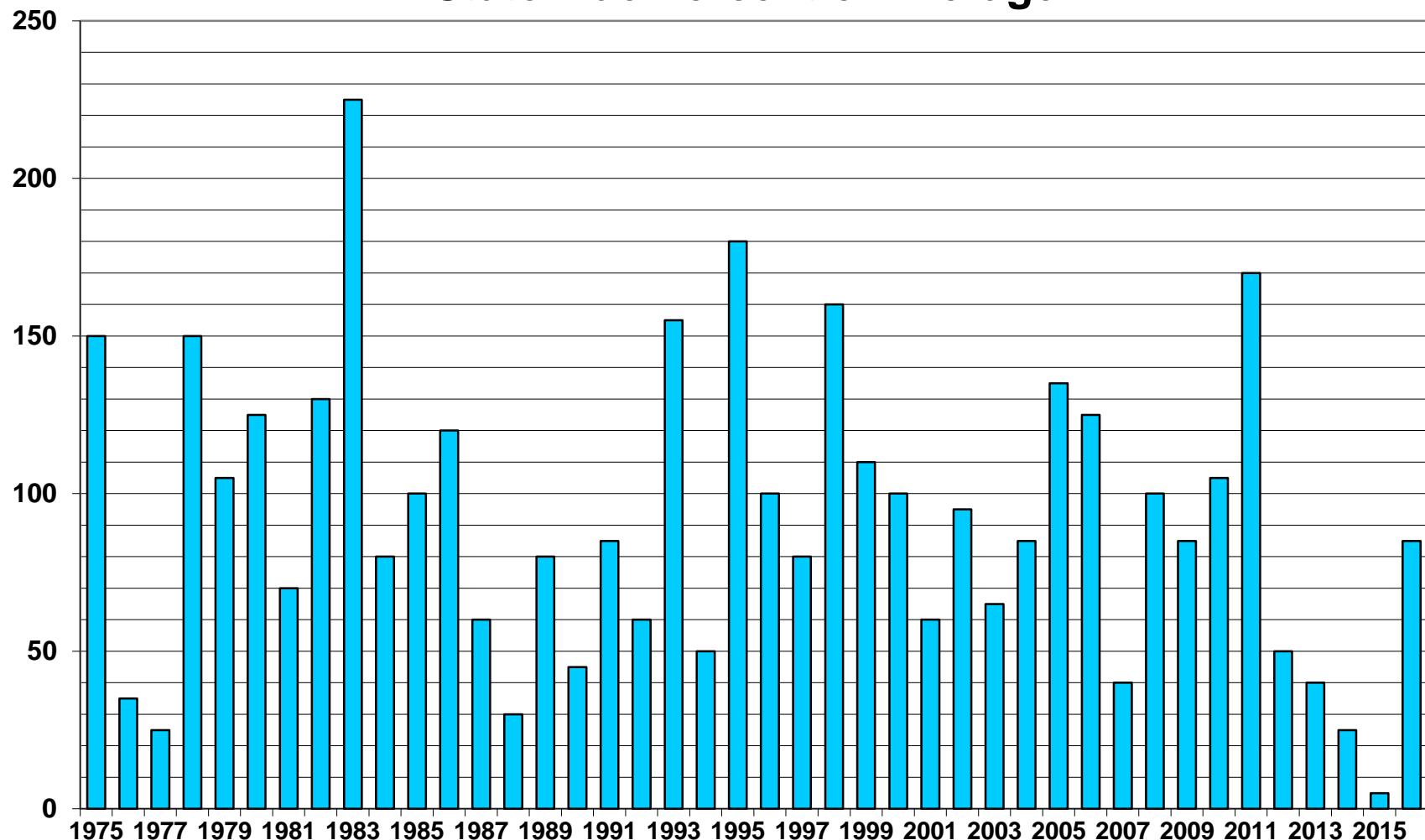


Figure 7